Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. HES 2000-IP-001952 Attorney Docket Number **DECLARATION FOR UTILITY OR** B. Raghava Reddy **First Named Inventor DESIGN COMPLETE IF KNOWN** PATENT APPLICATION (37 CFR 1.63) Application Number Filing Date Declaration Declaration OR Submitted after Initial Submitted Art Unit Filing (surcharge with Initial (37 ČFR 1.16 (e))

rilling	required)	Examiner Name	<u> </u>		
As the below named inventor, I hereby declare that:					
My residence, mailing address, and o	citizenship are as stated belo	ow next to my name.	•	•	
I believe I am the original and first inv	entor of the subject matter v	vhich is claimed and for whi	ich a patent is soug	ht on the invention entitled:	
	· · · · · · · · · · · · · · · · · · ·	O (20)	1.191 - 2 7 - 44	V-II 0	
High Temperature Visco Well Cement Composition	• •	oss Controlling Ac	aditives For v	veil Cements,	
	*			* ,	
		•			
	-				
the specification of which	(Title of the l	nvention)	•		
the specification of which	•			•	
is attached hereto			• •		
OR		 i	•		
was filed on (MM/DD/YYYY)		as United States A	application Number	or PCT International	
į L	· .				
- Application Number	and was amend	ed on (MM/DD/YYYY)		(if applicable).	
I hereby state that I have reviewed and any amendment specifically referred to	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by				
Lacknowledge the duty to disclose info	ormation which is material to	o patentability as defined in	37 CFR:1.56. inclu	ding for continuation-in-part	
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.					
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other, than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.					
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO	
Number(s)		(MANDON TTT)	, tot olamica		
	. •				
•					
·					
Additional foreign application nur	mbers are listed on a supple	mental priority data sheet f	2 LO/SB/02B attach	ed nereto:	

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Num or Bar Code La			OR Cor	respondence address below
Name				,
Address				
City		State		ZIP
Country Te	elephone			Fax
I hereby declare that all statements made herein of my are believed to be true; and further that these stateme made are punishable by fine or imprisonment, or both, validity of the application or any patent issued thereon.	ents were made with	h the kn	nowledge that willful false	statements and the like so
NAME OF SOLE OR FIRST INVENTOR :	A petition h	as bee	en filed for this unsigr	ned inventor
Given Name B. Raghava (first and middle [if any])		Family or Sur	y Name rname	
Inventor's B. Raghanz Pal				2/6/02 Date
Duncan Residence: City	OK State		73533 Country	India Citizenship
Mailing Address 2013 Waverly	Otato	*	Odnay	Olizensinp
Duncan city	OK State		73533 zip	U.S. Country
NAME OF SECOND INVENTOR:	A petition has	been	filed for this unsigne	d inventor
Given Name Wendell D. (first and middle [if any])	;	Family or Surr		:
Inventor's Wendell D. Ri	ley	 -		Date 2-6-02
Marlow Residence: City	OK State		U.S. Country	U.S. Citizenship
Mailing Address HC 64 Box 144				
Marlow City	OK State		73055 zip	U.S. Country
Additional inventors are being named on thest	upplemental Addition	nal Inve	ntor(s) sheet(s) PTO/SB/0	2A attached hereto.

PTO/SB/81 (09-03)
Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number		
Filing Date		
First Named Inventor	BESRâghavaPReddŷ52U1D1	
Title	High Temperature	
Art Unit		
Examiner Name		
Attorney Docket Number	HES 2000-TP-00195211101	

I hereby appoint:				
Practitioners associated with the Customer Nu	ımber:		·	
OR	L:			-
Practitioner(s) named below:				
Name			Registration N	umber
see attached				2-2
	1			
as my/our attorney(s) or agent(s) to prosecute the ap Trademark Office connected therewith.	plication identified above,	and to trans	act all business in	the United States Patent and
Please recognize or change the correspondence add The address associated with the above-men			on to:	
		·		*
OR .		٠.,		
The address associated with Customer Nu	mber:			•
OR				·
Firm or Individual Name	,	<u>.</u>		
Address		·		.1
Address				· · · · · · · · · · · · · · · · · · ·
City	· · · · · · · · · · · · · · · · · · ·	State		Zip
Country		Fax		
Telephone I am the:	· . · · . ·	I ax		•
Applicant/Inventor.				
Assignee of record of the entire interest. Se Statement under 37 CFR 3.73(b) is enclose	e 37 CFR 3.71. d. (Form PTO/SB/96)			
SIGNA	TURE of Applicant or As	signee of R	lecord	
Name Craig W. Roddy			·	
Signature Clair W. Rodol			1 2	
Date 011-12-2003			Telephone 5	80-251-3012
NOTE: Signatures of all the inventors or assignees of record forms if more than one signature is required, see below*.	of the entire interest or their	epresentative	(s) are required. Sub	omit multiple
*Total of forms are submitted.				

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/02C (3-0 Approved for use through 9/30/98. CMB 0851-00

Under the Paperwork Reduction Act of 1995, no persons are required to recoond to 8 collection of information unless 8 contains under CAS person remitter.

DECLARATION

REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number	
· .				
Halliburton Energy Services, Inc. Practitioners		McAfee & Taft Practitioners	ē	
William E. Shull	29,438	C. Clark Dougherty, Jr.	24,208	
William M. Imwalle	35,904	Clifford C. Dougherty, III	31,607	
Robert A. Kent	28,626	Jean L. Pinkston	45,014	
Craig W. Roddy	36,256	William D. Hall	35,535	
John W. Wustenberg	35,415	Barbara Yuill	54,562	
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Existen Hour Statement: This form is estimated to take 6.4 hours to complete. Time will vary depending upon the needs of the individual case. Any existents on the amount of time you are required to complete this form about to east to the Chief Information Cificar, Protest and Tradoment. Cifica, Whistington, DC 20271. DO NOT SEND PRISS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patients, Washington, DC 20271.

Declaration - Registered Practitioner Information (Supplemental Sheet) (PTO/SB/02C)[1-1.4]

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This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



APRIL 29, 2002

HALLIBURTON ENERGY SERVICES CRAIG W. RODDY 2600 SOUTH SECOND STREET DUNCAN, OK 73536-0440

Chief Financial Officer and Chief Administrative Officer PTARECEIVED Washington, DC 20231 www.uspto.gov

APR 2 9 2002

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/08/2002

REEL/FRAME: 012603/0186

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

REDDY, B. RAGHAVA

DOC DATE: 02/06/2002

ASSIGNOR:

RILEY, WENDELL D.

DOC DATE: 02/06/2002

ASSIGNEE:

HALLIBURTON ENERGY SERVICES, INC. 10200 BELLAIRE BOULEVARD HOUSTON, TEXAS 77072

SERIAL NUMBER: 10071076

FILING DATE: 02/08/2002

PATENT NUMBER:

ISSUE DATE:

MAURICE CARTER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

02-27-2002



CORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

104995080 Tab settings ⇒ ⇒ ⇒ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Name: Halliburton Energy Services, Inc. B. Raghava Reddy Wendell D. Riley Internal Address: _____ Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Merger ✓ Assignment Street Address: 10200 Bellaire Boulevard Security Agreement Change of Name Other · City: Houston State: TX Zip: 77072 Execution Date: February 6, 2002 Additional name(s) & address(es) attached? Yes V No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 02/06/02 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes Vo 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$\,_40.00 Craig W. Roddy Halliburton Energy Services Enclosed Internal Address: Authorized to be charged to deposit account 8. Deposit account number: 2600 South Second Street Street Address: -08-0300DO NOT USE THIS SPACE 9. Signature. Craig W. Roddy Name of Person Signing

> Mail documents to be recorded with required cover sheet information to: mmissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Total number of pages including cover sheet,

)2/26/2002 ARKRED1 00000004 080300

10071076

01 FC:581

ASSIGNMENT

Whereas, I, B. Raghava Reddy, of Stephens County, Duncan, Oklahoma and Wendell D. Riley, of Stephens County, Marlow, Oklahoma have invented HIGH TEMPERATURE VISCOSIFYING AND FLUID LOSS CONTROLLING ADDITIVES FOR WELL CEMENTS, WELL CEMENT COMPOSITIONS AND METHODS for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application first executed on <u>February 6, 2002</u>, submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

		B. Ragi	Law Rom	
		B. Ra	gahava Reddy	•
		•		
State of Oklahoma) .			
County of Stephens) ss)			
	,			
	appeared said B. Rag			e foregoing
instrument to be his fre	e act and deed this 6th	day of Fe	ebruary, 2002.	
Seal		Sheela	Lelelo.	· · · · · · · · · · · · · · · · · · ·
	•	(1	Notary Public)	•
My Commission Expire	es: September 13, 2004	*		• •
				•
		e a		
Executed this 6th	_day of February, 2002, a	t Duncan, Stephen	is County, Oklahom	ıa U.S.A.
	•	*		
	e" 	Wendel	10 Rates	***
177		Wende	ll D. Riley	
		•		
State of Oklahoma)		•	
County of Stephens) ss)		÷ *	*
Before me personally	appeared said Wendel	l D. Riley and	acknowledged the	foregoing
instrument to be his free	act and deed this6	th day of Fe	bruary, 2002	
			,	,
	•		•	
Seal		Sheela	Lilles	
	· ·	(N	lotary Public)	

Executed this 6th day of February, 2002, at Duncan, Stephens County, Oklahoma U.S.A.

My Commission Expires: September 13, 2004



APRIL 29, 2002

HALLIBURTON ENERGY SERVICES CRAIG W. RODDY 2600 SOUTH SECOND STREET DUNCAN, OK 73536-0440

Chief Financial Officer and Chief Administrative Officer Washington, DC 20231 www.uspto.gov

APR 2 9 2002

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ASSIGNOR:

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DOC DATE: 02/06/2002

ASSIGNOR:

RILEY, WENDELL D.

DOC DATE: 02/06/2002

ASSIGNEE:

HALLIBURTON ENERGY SERVICES, INC. 10200 BELLAIRE BOULEVARD HOUSTON, TEXAS 77072

SERIAL NUMBER: 10071076

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02-27-2002



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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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Tab settings	Y Y Y		
To the Honorable Commissioner of Patents and Trademarks: 1. Name of conveying party(ies): B. Raghava Reddy Wendell D. Riley	2. Name and address of receiving party(ies) Name: Halliburton Energy Services, Inc. Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: February 6, 2002 4. Application number(s) or patent number(s):	Street Address: 10200 Bellaire Boulevard City: Houston State: TX Zip: 77072 Additional name(s) & address(es) attached? Yes No		
A. Patent Application No.(s)	B. Patent No.(s) 16 071076 ached? Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Craig W. Roddy Halliburton Energy Services Internal Address:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ Enclosed Authorized to be charged to deposit account		
Street Address: 2600 South Second Street City: Duncan State: OK Zip: 73536-0440	8. Deposit account number: (
	TUO 00000		
9. Signature. Craig W. Roddy Name of Person Signing	Sain W. Roddy 2-7-02 Signature Date		
Total number of pages including cover	sheet, attachments, and documents: 3		

Mail documents to be recorded with required cover sheet information to: ommissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

10071076

02/26/2002 RAHHED1 00000004 080300

01 FC:581

40.00 CH

ASSIGNMENT

Whereas, I, B. Raghava Reddy, of Stephens County, Duncan, Oklahoma and Wendell D. Riley, of Stephens County, Marlow, Oklahoma have invented HIGH TEMPERATURE VISCOSIFYING AND FLUID LOSS CONTROLLING ADDITIVES FOR WELL CEMENTS, WELL CEMENT COMPOSITIONS AND METHODS for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

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And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 6th	_day of February, 2002	, at Duncan, Stephens	County, Oklahom	a U.S.A.
*		B. Raga	hava Reddy	
State of Oklahoma County of Stephens)) ss)			
Before me personally instrument to be his free				foregoing
Seal		<u>sheela</u>	tary Public)	
My Commission Expire	s: September 13, 2004		÷	
Executed this 6th	day of February, 2002,	at Duncan, Stephens Wendell	County, Oklahoma D. Riley	U.S.A.
State of Oklahoma County of Stephens)) ss)			
Before me personally instrument to be his free				foregoing
Seal		Sheila (No	Tulio tary Public)	

My Commission Expires: September 13, 2004